

Figure 1. Electromagnetic radiation spectrum.

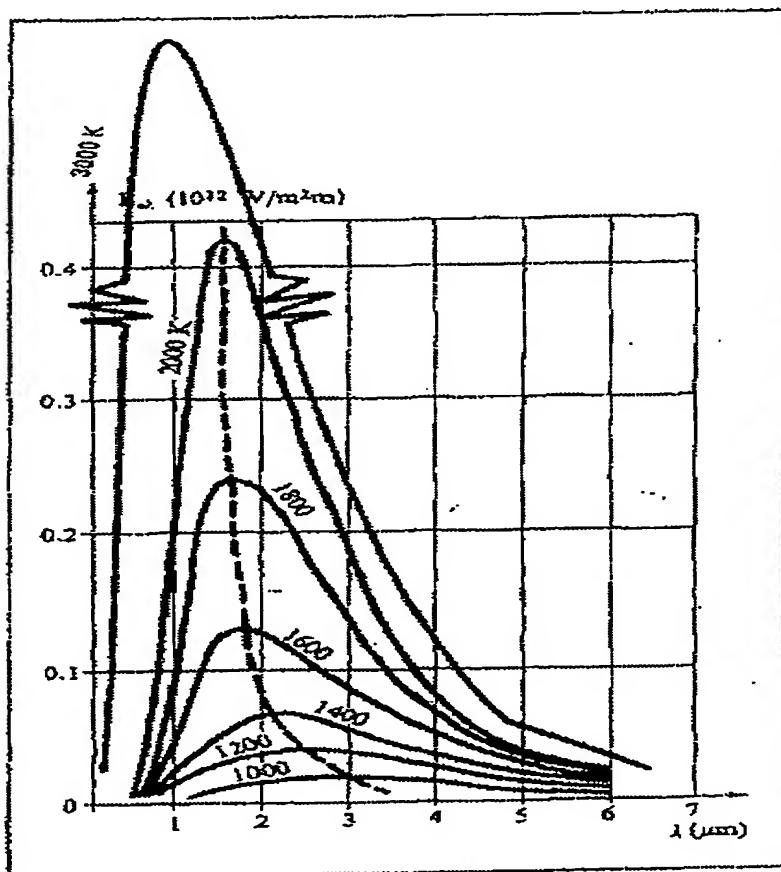


Figure 2. Radiation distribution according to Planck.

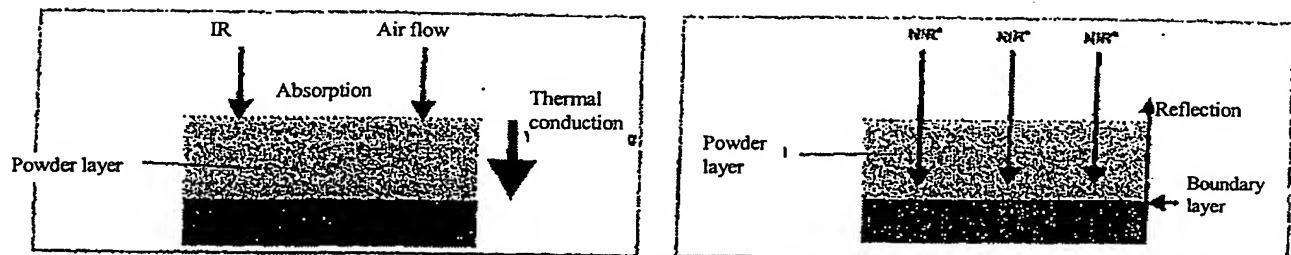


Bild 3: Vernetzung der Pulverschicht mit konventioneller (links) und mit Nähe-Infra-Rot-Trocknung (rechts)

Figure 3. Crosslinking of the powder layer with conventional drying (left) and with near-infrared drying (right).

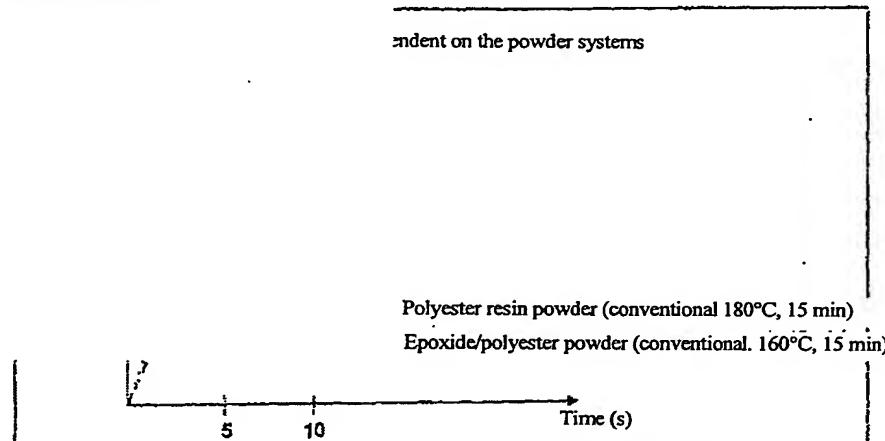


Figure 4. Temperature course with the NIR crosslinking of two powders.

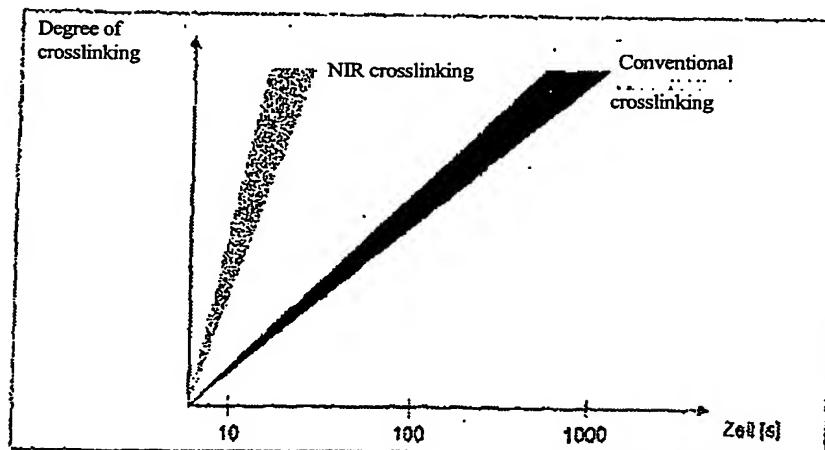


Figure 5. Comparison of conventional and NIR crosslinking.



Figure 6. Pilot plant unit with lacquering and drying module.

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